

AMENDMENTS TO THE CLAIMS

Please cancel claims 4, 6 and 16.

Please amend claims 1, 5, 10, 13, 15 and 20 as follows.

1. (currently amended) A fuel cell system having a reforming reactor, the system comprising:

a fuel cell for generating power by using a supplied fuel gas and oxidizing gas;

a reforming reactor for reforming original fuel gas so as to produce a reformed fuel gas which is supplied to the fuel cell;

a drain for condensed water stored in the reforming reactor; and

a water-collecting portion which is formed by a plurality of sloped portions and which is provided at the bottom of the reforming reactor, wherein the drain is connected to the water-collecting portion; and

a purifier for the condensed water, the purifier being a combustor for off-gas discharged from the fuel cell.

2. (canceled)

3. (original) A fuel cell system as claimed in claim 1, further comprising:

a tank, provided at the downstream side of the drain, for storing the condensed water.

4. (canceled)

5. (currently amended) A fuel cell system as claimed in claim 3, further comprising:

a flow control device, provided at the downstream side of the tank, for controlling the flow of the condensed water; and a purifier for the condensed water, wherein the purifier being is provided at the downstream side of the flow control device.

6. (canceled)

7. (original) A fuel cell system as claimed in claim 5, further comprising:

a water-level detector, attached to the tank, for detecting the water level of the condensed water stored in the tank, wherein:

the flow control device is a flow control valve; and

the flow control valve is controlled based on detected results of the water-level detector.

8. (original) A fuel cell system as claimed in claim 5, further comprising:

a purification determining section for determining whether purification of the condensed water by using the purifier is possible in the current state of the fuel cell system, wherein:

the flow control device is a flow control valve; and

the flow control valve is controlled based on determined results of the purification determining section.

9. (original) A fuel cell system as claimed in claim 5, wherein the flow control device is an orifice.

10. (currently amended) A fuel cell system having a reforming reactor, the system comprising:

a fuel cell for generating power by using a supplied fuel gas and oxidizing gas;

a reforming reactor for reforming original fuel gas so as to produce a reformed fuel gas which is supplied to the fuel cell;

a drain for condensed water stored in the reforming reactor, wherein:

the reforming reactor comprises a plurality of serially-connected functional elements;
and

a water-collecting portion which is formed by a plurality of sloped portions and which is provided at the bottom of each functional element of the reforming reactor, wherein the drain is connected to the water-collecting portions; and

a purifier for the condensed water, the purifier being a combustor for off-gas discharged from the fuel cell.

11. (original) A fuel cell system as claimed in claim 10, wherein the functional elements include a heat exchanger for decreasing the temperature of the fuel gas.

12. (original) A fuel cell system as claimed in claim 10, wherein the functional elements include a CO remover for oxidizing CO included in the fuel gas so as to generate CO₂.

13. (currently amended) A fuel cell system as claimed in ~~claim 6~~ claim 1, wherein the combustor is a catalytic combustor.

14. (original) A fuel cell system as claimed in claim 8, wherein:

the combustor is a catalytic combustor; and

the purification determining section determines that the purification of the condensed water using the purifier is possible if the temperature of catalyst of the catalytic combustor is equal to or above a predetermined temperature and the water level of the condensed water in the tank is equal to or above a predetermined level.

15. (currently amended) A fuel cell system having a reforming reactor, the system comprising:

a fuel cell for generating power by using a supplied fuel gas and oxidizing gas;

a reforming reactor for reforming original fuel gas so as to produce a reformed fuel gas which is supplied to the fuel cell;

a drain for condensed water stored in the reforming reactor; and

a water-collecting portion which is formed by a sloped portion and which is provided at the bottom of the reforming reactor, wherein the drain is connected to the water-collecting portion; and

a purifier for the condensed water, the purifier being a combustor for off-gas discharged from the fuel cell.

16. (canceled)

17. (previously presented) A fuel cell system as claimed in claim 15, further comprising:

a tank, provided at the downstream side of the drain, for storing the condensed water.

a flow control device, provided at the downstream side of the tank, for controlling the flow of the condensed water; and

a purifier for the condensed water, the purifier being provided at the downstream side of the flow control device.

18. (previously presented) A fuel cell system as claimed in claim 17, further comprising:
a water-level detector, attached to the tank, for detecting the water level of the condensed
water stored in the tank, wherein:
the flow control device is a flow control valve; and
the flow control valve is controlled based on detected results of the water-level detector.

19. (previously presented) A fuel cell system as claimed in claim 17, further comprising:
a purification determining section for determining whether purification of the condensed
water by using the purifier is possible in the current state of the fuel cell system, wherein:
the flow control device is a flow control valve; and
the flow control valve is controlled based on determined results of the purification
determining section.

20. (currently amended) A fuel cell system having a reforming reactor, the system
comprising:
a fuel cell for generating power by using a supplied fuel gas and oxidizing gas;
a reforming reactor for reforming original fuel gas so as to produce a reformed fuel gas
which is supplied to the fuel cell;
a drain for condensed water stored in the reforming reactor; and
a water-collecting portion which is provided at the bottom of the reforming reactor,
wherein the drain is connected to the water-collecting portion; and
a purifier for the condensed water, the purifier being a combustor for off-gas discharged
from the fuel cell.